

ABSTRACT:

In a method of communication between a communication station (1) and a plurality of data carriers (2) an interrogation signal (IDB) is generated with the aid of interrogation signal generating means (7) in order to start an interrogation cycle (IPER) and is supplied to all the data carriers (2) and with the aid of response signal generating means (63) each data carrier (2) generates a response signal (RDB), of which response signals (RDB) some of the response signals (RDB) are received separately and some are received non-separately, and the communication station (1) detects each separately received response signal (RDB) and consequently identifies the relevant data carrier (2), and an acknowledge signal (QDB) is supplied to each identified data carrier (2) whose response signal (RDB) has been received separately by the communication station (1), which acknowledge signal (QDB) is detected with the aid of acknowledge signal detection means (59) in each data carrier (2) and thus sets each identified data carrier (2) to an idle state, the communication station (1) advantageously generating each acknowledge signal (QDB) as a component of an extended interrogation signal (IDB+QDB). (Fig. 3).